specification at page 12, lines 21-27:

DNA containing the recognition sequence 5'-GATGC-3' cut 9 nucleotides 5' to the end of the recognition site with both *PhaI* and *SfaNI*. DNA containing the recognition sequence 5'-GCATC-3' cut 5 nucleotides 3' to the end of the recognition site with both *PhaI* and *SfaNI*.

5'...GCATCNNNNN!NNN...3'

(SEQ ID NO:3)

3'...CGTAGNNNNNNNN\1...5'

(SEQ ID NO:4)

(references to figures omitted).

The substitute sequence listing information recorded in computer readable form is identical to the substitute written sequence listing. The substitute sequence listing includes no new matter.

Applicants respectfully request entry of the amendments.

Respectfully submitted,

Date: September 16, 1999

Sarah A. Kagan

Registration No. 32,141

BANNER & WITCOFF, LTD.
1001 G STREET, N.W.
ELEVENTH FLOOR
WASHINGTON, D.C. 20001-4597
(202) 508-9100

SAK/LWH